```
=> fil reg
FILE 'REGISTRY' ENTERED AT 16:09:47 ON 13 AUG 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   12 AUG 2007   HIGHEST RN 944447-30-7
DICTIONARY FILE UPDATES:  12 AUG 2007   HIGHEST RN 944447-30-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

   Please note that search-term pricing does apply when
   conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=> d l13 que stat
L4               STR
```
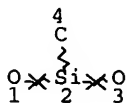
$$
\begin{array}{c}
\overset{4}{\underset{}{\text{C}}} \\
\|\| \\
\underset{1}{\text{O}} \text{✕} \underset{2}{\overset{}{\text{Si}}} \text{✕} \underset{3}{\text{O}}
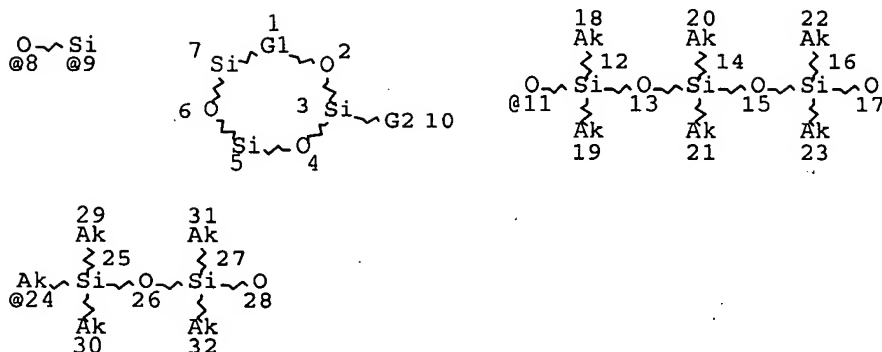\end{array}
$$

```
NODE ATTRIBUTES:
NSPEC   IS RC      AT   4
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS    4

STEREO ATTRIBUTES: NONE
L5               SCR 2043
L6        53140 SEA FILE=REGISTRY SSS FUL L4 AND L5
L11              STR
```

```
    O~Si          7   G1                      18        20        22
   @8  @9            Si  O 2                   Ak        Ak        Ak
                          O                     ≷12       ≷14       ≷16
          6  O     3  Si  G2 10      O~Si~O~Si~O~Si~O
             Si  O  4              @11 ≷13      ≷15      ≷17
             5                        Ak        Ak        Ak
                                      19        21        23

      29        31
      Ak        Ak
       ≷25       ≷27
   Ak~Si~O~Si~O
   @24 ≷26      ≷28
      Ak        Ak
      30        32
```

REP G1=(1-3) 8-7 9-2
VAR G2=11/24
NODE ATTRIBUTES:
CONNECT IS E1   RC AT   18
CONNECT IS E1   RC AT   19
CONNECT IS E1   RC AT   20
CONNECT IS E1   RC AT   21
CONNECT IS E1   RC AT   22
CONNECT IS E1   RC AT   23
CONNECT IS E1   RC AT   29
CONNECT IS E1   RC AT   30
CONNECT IS E1   RC AT   31
CONNECT IS E1   RC AT   32
DEFAULT MLEVEL IS ATOM
GGCAT   IS SAT AT   18
GGCAT   IS SAT AT   19
GGCAT   IS SAT AT   20
GGCAT   IS SAT AT   21
GGCAT   IS SAT AT   22
GGCAT   IS SAT AT   23
GGCAT   IS SAT AT   24
GGCAT   IS SAT AT   29
GGCAT   IS SAT AT   30
GGCAT   IS SAT AT   31
GGCAT   IS SAT AT   32
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 32

STEREO ATTRIBUTES: NONE
L13   35 SEA FILE=REGISTRY SUB=L6 SSS FUL L11

100.0% PROCESSED   1395 ITERATIONS   35 ANSWERS
SEARCH TIME: 00.00.01

=> d his

        (FILE 'HOME' ENTERED AT 15:36:54 ON 13 AUG 2007)

      FILE 'HCAPLUS' ENTERED AT 15:37:00 ON 13 AUG 2007
              E US20050256286/PN

```
L1              1 S E3
                SEL RN


     FILE 'REGISTRY' ENTERED AT 15:37:36 ON 13 AUG 2007
L2              5 S E1-5
L3              1 S 31900-57-9/RN


                ACT KUG636/A
                ---------
L4              STR
L5              SCR 2043
L6          53140 SEA FILE=REGISTRY SSS FUL L4 AND L5
                ---------


     FILE 'LREGISTRY' ENTERED AT 15:45:52 ON 13 AUG 2007
L7              STR
L8              STR


     FILE 'REGISTRY' ENTERED AT 15:49:08 ON 13 AUG 2007
L9             27 S L7 AND L8 SSS SAM SUB=L6
L10           501 S L7 AND L8 SSS FUL SUB=L6


     FILE 'LREGISTRY' ENTERED AT 15:56:35 ON 13 AUG 2007
L11             STR L7


     FILE 'REGISTRY' ENTERED AT 16:02:11 ON 13 AUG 2007
L12             1 S L11 SSS SAM SUB=L6
L13            35 S L11 SSS FUL SUB=L6
                SAV L10 LOE750S1/A
                SAV L13 LOE750S2/A
L14           466 S L10 NOT L13


     FILE 'HCAPLUS' ENTERED AT 16:03:14 ON 13 AUG 2007
L15            21 S L13
L16           289 S L14
L17           210 S L14(L)PREP+ALL/RL
L18            17 S L15 AND (1840-2002)/PY,PRY,AY



=> fil hcap
FILE 'HCAPLUS' ENTERED AT 16:09:56 ON 13 AUG 2007
```

FILE COVERS 1907 - 13 Aug 2007 VOL 147 ISS 8
FILE LAST UPDATED: 12 Aug 2007 (20070812/ED)